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Applicant: Suttner et. al. Date: August 3, 2005
Serial No.: 10/769,208 Group Art Unit: 1638
Filed: January 30, 2004 Examiner: Anne R. Kubelik
For: Soybean Variety XB53J04

Assistant Commissioner for Patents
Washington, D.C. 20231

RULE 132 DECLARATION
OF
DR. DARIA SCHMIDT

Sir/Madam:

I, Daria Schmidt, PhD., do hereby declare and say as follows:

1. I am skilled in the art of the field of the invention. I obtained my undergraduate and Masters degrees in Plant Breeding and Plant Genetics at the University of Wisconsin – Madison in 1985 and 1987, respectively, and my doctorate in Plant Breeding and Cytogenetics with a minor in Entomology from Iowa State University in 1990. I joined Pioneer Hi-Bred in 1995 as a Research Scientist after working in private industry as a researcher in corn and soybean product development. From 1998 to 2000 I held the position of Research Coordinator. From 2000 to present, I hold the position of Research Director for Crop Genetics Technologies.
2. This declaration is in response to the Examiner's rejection under 35 U.S.C. § 102(b) as anticipated by or, in the alternative, under 35 U.S.C. § 103 as obvious over Streit et al (U.S. Patent No. 5,959,185).
3. The following table compares the two lines, XB53J04 and 95B41, by means of isozyme analysis. The two lines differ for several isozyme loci, as noted.

Appendix A

10/355,669

Isozyme Profile for 95B41 and XB53J04					
	ACO4	IDH2	MDH	PGM1	PHI1
95B41	3	2	B	1	1
XB53J05	1	1	A	2	2

4. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date: August 4, 2005 By: Daria Schmidt

Daria Schmidt

Tidewater Agricultural Research & Extension Center

**Virginia
Agricultural
Experiment
Station**

Table 4a. 1999 Performance of Double Crop Maturity Group IV Non Roundup Ready Entries at Blackstone Virginia

BRAND	VARIETY	HERB. RESIST	MATURITY DATE	LODGING 1-5	HEIGHT IN.	PSS %	SQ 1-5	SS SEED/ LB	YIELD BU/A
Virginia	V94-0436	NRR	31-Oct	1.0	13.0	1.0	1.3	2790	13.1
Virginia	NRR	2-Nov	1.0	14.7	5.3	1.3	3442	11.8	
Virginia	V94-1295	NRR	31-Oct	1.0	14.3	5.0	1.0	3350	11.4
Virginia	V96-0332	NRR	26-Oct	1.0	17.3	21.7	2.0	3063	11.1
Virginia	V93-2329	NRR	29-Oct	1.0	14.0	12.0	1.0	3520	9.8
Deltapine	DP 4909	NRR	29-Oct	1.2	16.3	4.3	1.3	2505	9.5
Virginia	V95-1887	NRR	18-Oct	1.2	14.3	6.0	2.0	2962	9.5
Virginia	V95-0513	NRR	25-Oct	1.0	15.0	2.0	1.3	3349	9.2
Public	Manokin	NRR	26-Oct	1.2	15.7	6.3	1.0	3315	8.8
Pioneer	9482	NRR	20-Oct	1.0	14.3	24.3	2.0	2725	8.2
Virginia	V95-0596	NRR	30-Oct	1.2	17.0	1.7	1.0	2766	8.2
Virginia	V94-0552	NRR	2-Nov	1.0	15.0	10.3	1.0	3484	7.8
Deltapine	DPX 8547	NRR	20-Oct	1.3	15.7	4.7	1.0	2942	7.5
Virginia	V94-0198	NRR	25-Oct	1.2	15.0	3.3	1.0	3275	7.5
Virginia	V96-8032	NRR	18-Oct	1.2	13.3	22.3	2.3	2884	5.9
Public	Chesapeake	NRR	22-Oct	1.0	14.0	7.0	2.0	3011	5.9
Public	Stressland	NRR	15-Oct	1.0	13.7	19.7	2.0	3158	5.2
Virginia	V94-0189	NRR	19-Oct	1.2	12.0	11.3	2.7	3191	3.6
	GRAND MEAN		25-Oct	1.1	14.7	9.4	1.5	3096	8.6
	CV		0.6	17.5	11.2	37.1	22.5	9.3	21.1

Virginia Soybean Variety Evaluation Tests 1999

	LSD	2.5	0.3	2.3	4.8	0.5	395.5	2.5
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Table 4b. 1999 Performance of Double Crop Maturity Group IV Roundup Ready Entries at Blackstone Virginia

BRAND	VARIETY	HERB. RESIST	MATURITY DATE	LODGING 1-5	HEIGHT IN.	PSS %	SQ 1-5	SS SEED/ LB	YIELD BU/A
Asgrow	AG 4301	RR	19-Oct	1.2	13.3	9.3	2.0	2659	13.6
Dekalb	CX 420 RR	RR	18-Oct	1.3	15.3	12.7	1.0	2851	13.0
Pioneer	9492	RR	17-Oct	1.0	13.3	1.7	1.7	3264	11.6
Hartz	H4998 RR	RR	28-Oct	1.0	19.7	3.7	1.7	3131	11.1
Delta-King	DK4868 RR	RR	24-Oct	1.3	15.7	12.7	2.0	2921	6.7
	GRAND MEAN		21-Oct	1.2	15.5	8.0	1.7	2965	11.2
	CV		0.8	18.4	7.5	37.7	23.2	7.6	19.8
	LSD		3.4	0.3	1.8	4.6	0.6	342.0	3.5

Table 4c. 1999 Performance of Double Crop Maturity Group IV Non Roundup Ready Entries at Chesapeake Virginia

BRAND	VARIETY	HERB. RESIST	MATURITY DATE	LODGING 1-5	HEIGHT IN.	PSS %	SQ 1-5	SS SEED/ LB	YIELD BU/A
Virginia	V96-2543	NRR	4-Nov	4.0	28.7	0.3	3.0	3028	39.4
Garst	D 478	NRR	4-Nov	2.8	36.3	1.3	2.0	2924	35.6
Virginia	V94-0436	NRR	4-Nov	4.0	30.0	3.0	3.0	3091	33.4
Pioneer	94B53	NRR	4-Nov	3.2	37.3	1.3	2.3	3093	33.4
Dekalb	CX496c	NRR	4-Nov	3.2	39.0	0.7	2.7	3252	33.1
Virginia	V95-0596	NRR	4-Nov	3.2	40.3	2.3	2.0	3057	32.3
Pioneer	9421 STS	NRR	4-Nov	3.8	35.7	4.3	2.0	2911	31.2
Deltapine	DPX 8547	NRR	3-Nov	4.3	36.7	2.0	1.0	2709	30.5
Garst	D 485	NRR	4-Nov	4.2	37.0	0.0	2.3	2731	30.3
Virginia	V94-0198	NRR	4-Nov	3.8	32.3	1.3	2.3	3233	30.3

Virginia Soybean Variety Evaluation Tests: 1999

Pioneer	9482	NRR	3-Nov	3.8	34.7	2.0	2.7	2921	29.1
Virginia	V94-1295	NRR	4-Nov	4.2	27.7	1.3	1.3	3077	29.1
Public	Manokin	NRR	4-Nov	4.5	30.3	0.0	2.0	3012	28.9
Virginia	V95-0513	NRR	4-Nov	3.8	28.3	1.0	2.3	2887	28.6
S. States	FFR-4985-STS	NRR	4-Nov	4.8	36.3	5.0	1.7	3228	26.2
Deltapine	DP 4909	NRR	4-Nov	3.3	39.0	1.3	1.7	2907	26.1
Virginia	V94-0552	NRR	4-Nov	4.8	32.5	4.0	2.0	3115	25.6
Virginia	V93-2329	NRR	4-Nov	4.7	28.0	4.3	2.0	2847	25.6
Virginia	V96-0332	NRR	4-Nov	4.3	32.3	2.0	3.0	3215	24.4
Virginia	V94-0189	NRR	3-Nov	4.5	30.3	1.3	2.7	2870	23.6
Virginia	V95-1887	NRR	4-Nov	4.0	28.0	2.3	2.0	2932	22.8
Public	Stressland	NRR	4-Nov	4.3	34.3	3.0	2.0	3293	22.1
Virginia	V96-8032	NRR	4-Nov	4.8	32.3	3.7	3.3	2919	21.6
Public	Chesapeake	NRR	4-Nov	4.7	31.0	2.7	3.0	3069	19.5
	GRAND MEAN		4-Nov	4.0	33.3	2.1	2.3	3012	28.5
	CV		0.2	15.9	7.3	75.4	17.6	10.8	15.3
	LSD		0.6	0.9	3.3	2.2	0.6	447.9	6.0

Table 4d. 1999 Performance of Double Crop Maturity Group IV Roundup Ready Entries at Chesapeake Virginia

BRAND	VARIETY	HERB. RESIST	MATURITY DATE	LODGING 1-5	HEIGHT IN.	PSS %	SQ 1-5	SS SEED/LB	YIELD BU/A
Asgrow	AG4301	RR	4-Nov	2.5	35.0	1.7	3.0	2989	31.2
Dekalb	CX420RR	RR	4-Nov	3.5	37.7	0.3	2.0	3532	30.0
Pioneer	94B45	RR	4-Nov	3.0	42.3	0.7	2.7	3272	27.9
Pioneer	9492	RR	4-Nov	3.2	35.3	1.0	2.0	3308	27.4
Pioneer	94B81	RR	3-Nov	3.3	43.0	0.0	2.0	4031	26.1
Hartz	H4998 RR	RR	4-Nov	3.3	48.3	3.0	2.3	2887	20.8
	GRAND MEAN		3-Nov	3.1	40.3	1.1	2.3	3336	27.2

Virginia Soybean Variety Evaluation Tests 1999

	CV		0.2	19.7	9.4	48.4	13.6	3.8	10.3
	LSD		1.0	0.9	5.6	0.8	0.5	187.1	4.2

Table 4f. 1999 Performance of Double Crop Maturity Group IV Roundup Ready Entries at Orange Virginia

BRAND	VARIETY	HERB. RESIST	MATURITY DATE	LODGING 1-5	HEIGHT IN.	PSS %	SQ 1-5	SS SEED/ LB	YIELD BU/A
S.States	EXP- 88401N-RT	RR	-	1.0	15.3	0.0	1.0	2905	19.4
Dekalb	CX 420	RR	-	1.0	17.0	1.3	1.0	3275	19.0
Pioneer	9492	RR	-	1.0	15.7	0.0	1.0	3330	18.0
Garst	D 437 RR- N	RR	-	1.3	17.3	1.0	1.3	3070	17.4
Asgrow	AG 4301	RR	-	1.0	16.0	0.7	1.0	2930	17.4
Pioneer	94B81	RR	-	1.0	18.7	0.0	1.0	3785	16.7
S.States	RT 446N	RR	-	1.0	17.3	0.0	1.0	2909	16.4
S.States	RT 447	RR	-	1.3	15.3	0.3	1.0	3711	16.0
Pioneer	94B45	RR	-	1.0	15.7	1.7	1.0	2990	16.0
	GRAND MEAN		-	1.1	16.5	0.6	1.0	3212	17.4
	CV		-	11.9	7.4	114.2	18.6	3.0	9.4
	LSD		-	0.2	1.7	0.9	0.3	135.3	2.3

Table 4g. 1999 Performance of Double Crop Maturity Group IV Non Roundup Ready Entries at Painter Virginia

BRAND	VARIETY	HERB. RESIST	MATURITY DATE	LODGING 1-5	HEIGHT IN.	PSS %	SQ 1-5	SS SEED/ LB	YIELD BU/A
Virginia	V96-0332	NRR	16-Oct	3.2	27.3	0.7	1.7	2769	45.2
Virginia	V96-2543	NRR	16-Oct	2.3	25.0	0.7	2.0	3320	43.4
USG	7499	NRR	16-Oct	1.7	28.3	0.0	1.0	2869	41.6
Virginia	V94-1295	NRR	16-Oct	2.0	23.0	0.3	1.3	3090	40.1

Virginia Soybean Variety Evaluation Tests 1999

Virginia	V95-0513	NRR	16-Oct	2.8	26.0	0.0	1.7	3206	38.9
Deltapine	DPX 8547	NRR	16-Oct	2.2	28.0	0.0	1.0	2820	38.8
Virginia	V95-0596	NRR	15-Oct	2.5	31.7	0.0	2.0	2384	38.4
Virginia	V95-1887	NRR	16-Oct	2.8	23.7	2.0	1.0	2820	38.1
Virginia	V93-2329	NRR	16-Oct	2.8	23.0	0.3	1.3	3339	36.8
Virginia	V94-0189	NRR	16-Oct	1.8	24.3	1.0	2.0	2976	36.4
Virginia	V94-0198	NRR	16-Oct	2.7	27.0	0.0	1.0	3061	36.3
Virginia	V94-0436	NRR	16-Oct	2.3	28.0	0.0	3.0	2627	35.2
Public	Stressland	NRR	16-Oct	2.8	30.0	4.7	1.7	3111	34.1
Public	Manokin	NRR	16-Oct	4.2	28.3	0.0	1.0	3467	33.2
Virginia	V96-8032	NRR	16-Oct	2.3	23.7	5.3	2.3	2949	33.1
Deltapine	DP 4909	NRR	16-Oct	1.5	27.7	1.3	2.0	2706	31.0
Virginia	V94-0552	NRR	15-Oct	2.7	23.7	1.0	1.3	3424	30.8
Public	Chesapeake	NRR	16-Oct	2.7	23.7	1.0	2.3	3296	21.4
	GRAND MEAN		15-Oct	2.5	26.2	1.0	1.6	3013	36.3
	CV		0.2	18.3	9.5	127	27.0	3.0	8.7
	LSD		0.8	0.6	3.4	1.8	0.6	124.1	4.3

Table 4h. 1999 Performance of Double Crop Maturity Group IV Roundup Ready Entries at Painter Virginia

BRAND	VARIETY	HERB. RESIST	MATURITY DATE	LODGING 1-5	HEIGHT IN.	PSS %	SQ 1-5	SS SEED/LB	YIELD BU/A
Delta-King	DK4868 RR	RR	16-Nov	1.7	25.7	1.0	1.0	2797	44.3
Dekalb	CX 420 RR	RR	14-Nov	1.5	26.3	1.7	1.0	3135	39.6
USG	7478nRR	RR	16-Nov	1.2	27.3	0.3	1.3	3103	38.9
Hytest	HTS 4301RR	RR	13-Nov	1.5	27.7	1.0	1.7	2995	37.3
Hytest	HTS 4000RR	RR	15-Nov	1.5	25.7	1.0	2.3	3041	36.6
Hartz	H4998RR	RR	16-Nov	2.3	37.0	0.3	1.7	2823	36.4

Virginia Soybean Variety Evaluation Tests 1999

Asgrow	AG 4301	RR	15-Nov	1.2	24.7	2.0	1.7	2650	34.6
	GRAND MEAN		15-Nov	1.7	28.8	1.0	1.6	2918	38.3
	CV		0.5	16.0	9.3	70.2	23.9	2.6	7.9
	LSD		2.1	0.4	3.8	1.0	0.5	107.7	4.4

Table 4i. 1999 Performance of Double Crop Maturity Group IV Non Roundup Ready Entries at Suffolk Virginia

BRAND	VARIETY	HERB. RESIST	MATURITY DATE	LODGING 1-5	HEIGHT IN.	PSS %	SQ 1-5	SS SEED/LB	YIELD BU/A
Pioneer	9482	NRR	2-Nov	3.0	24.0	2.7	1.7	2726	32.6
Virginia	V95-0596	NRR	2-Nov	3.2	25.7	2.7	1.0	2276	32.4
Virginia	V94-0198	NRR	5-Nov	3.1	19.1	2.6	1.0	2845	31.7
Virginia	V94-0436	NRR	2-Nov	2.8	22.3	1.7	3.0	2401	31.6
S. States	FFR-493	NRR	2-Nov	2.7	22.3	5.3	2.0	2923	31.3
USG	7499	NRR	4-Nov	2.7	23.3	0.7	1.0	2880	30.9
Virginia	V94-0189	NRR	2-Nov	2.3	16.3	2.3	2.0	2998	30.9
Deltapine	DP 4909	NRR	4-Nov	2.5	24.3	2.0	1.7	2678	30.8
Dekalb	CX496c	NRR	2-Nov	2.2	21.9	2.8	1.0	3052	30.5
Virginia	V94-1295	NRR	6-Nov	2.5	19.3	1.7	1.0	3228	30.3
Deltapine	DPX 8547	NRR	2-Nov	3.2	21.7	2.0	1.0	2724	30.3
Pioneer	94B53	NRR	2-Nov	3.0	24.3	5.7	2.0	2969	30.0
Virginia	V95-0513	NRR	1-Nov	3.2	24.7	2.2	1.0	3175	29.0
Virginia	V95-1887	NRR	2-Nov	2.4	22.7	2.9	1.0	2751	27.7
Pioneer	9421 STS	NRR	1-Nov	2.8	19.7	5.2	2.0	2518	27.3
Public	Stressland	NRR	4-Nov	3.2	22.3	4.7	1.3	3418	27.3
S. States	FFR 439	NRR	2-Nov	2.8	20.0	3.0	1.7	2911	27.2
S. States	FFR-4985-STS	NRR	4-Nov	3.7	22.0	2.7	1.0	2523	27.1
Public	Chesapeake	NRR	2-Nov	3.9	23.2	1.9	2.0	3027	26.1
Virginia	V96-8032	NRR	4-Nov	3.2	21.7	8.7	2.0	2882	25.7

Virginia Soybean Variety Evaluation Tests 1999

Virginia	V93-2329	NRR	4-Nov	3.0	20.0	4.0	1.0	3331	25.6
Virginia	V94-0552	NRR	5-Nov	3.0	22.3	3.5	1.0	3041	25.6
Public	Manokin	NRR	2-Nov	3.2	21.7	2.7	1.3	2906	18.4
	GRAND MEAN		3-Nov	2.9	21.9	3.2	1.5	2877	28.7
	CV		0.9	21.1	21.9	77.0	26.9	5.5	19.0
	LSD		3.9	0.9	6.6	3.4	0.5	219.2	7.5

Table 4j. 1999 Performance of Double Crop Maturity Group IV Roundup Ready Entries at Suffolk Virginia

BRAND	VARIETY	HERB. RESIST	MATURITY DATE	LODGING 1-5	HEIGHT IN.	PSS %	SQ 1-5	SS SEED/ LB	YIELD BU/A
Delta-King	DK4868 RR	RR	2-Nov	2.3	32.3	2.0	1.0	2943	37.2
S.States	RT 446N	RR	1-Nov	2.7	32.7	1.7	2.0	2839	35.2
Pioneer	9492	RR	2-Nov	2.2	30.3	0.7	1.3	2979	34.8
USG	7478nRR	RR	2-Nov	2.3	34.3	0.3	2.0	3220	32.8
S.States	EXP-88401N-RT	RR	1-Nov	2.0	29.0	0.7	1.7	2886	31.4
Pioneer	94B45	RR	2-Nov	2.8	34.0	2.0	2.0	3061	30.9
Pioneer	94B81	RR	2-Nov	2.5	33.3	1.0	1.0	3550	29.4
S.States	RT 447	RR	2-Nov	3.2	30.3	4.7	2.0	3698	28.1
Hartz	H4998 RR	RR	9-Nov	3.7	42.7	2.3	1.7	2732	27.2
	GRAND MEAN		2-Nov	2.6	33.2	1.7	1.6	3101	31.9
	CV		0.1	13.9	6.0	99.2	18.7	3.7	11.6
	LSD		0.6	0.5	2.8	2.4	0.4	164.2	5.3

Table 4k. 1999 Performance of Double Crop Maturity Group IV Non Roundup Ready Entries at Warsaw Virginia

Virginia Soybean Variety Evaluation Tests 1999

BRAND	VARIETY	HERB. RESIST	MATURITY DATE	LODGING 1-5	HEIGHT IN.	PSS %	SQ 1-5	SS SEED/ LB	YIELD BU/A
Garst	D 445	NRR	4-Nov	1.2	23.7	-	2.7	-	35.5
Virginia	V94-1295	NRR	17-Nov	1.6	24.3	-	1.8	-	35.4
Deltapine	DPX 8547	NRR	10-Nov	2.0	27.3	-	1.6	-	35.1
Virginia	V94-0552	NRR	21-Nov	2.9	31.3	-	1.9	-	34.9
S. States	FFR-493	NRR	10-Nov	1.6	27.7	-	1.8	-	34.9
Virginia	V94-0436	NRR	22-Nov	2.3	29.3	-	2.6	-	34.4
Virginia	V95-1887	NRR	11-Nov	2.5	29.0	-	1.4	-	34.1
Garst	D 485	NRR	10-Nov	1.6	28.3	-	1.6	-	33.9
Pioneer	9482	NRR	9-Nov	1.5	25.7	-	1.7	-	33.6
Virginia	V95-0596	NRR	17-Nov	2.0	30.0	-	1.5	-	33.6
Virginia	V93-2329	NRR	15-Nov	2.6	25.3	-	1.8	-	33.4
USG	7499	NRR	14-Nov	1.5	26.7	-	1.4	-	33.3
Garst	D 478	NRR	7-Nov	2.3	27.0	-	1.9	-	33.3
Deltapine	DP 4909	NRR	19-Nov	1.8	31.0	-	1.7	-	33.2
Public	Manokin	NRR	18-Nov	2.8	32.0	-	1.6	-	32.8
Pioneer	94B53	NRR	2-Nov	2.2	27.7	-	2.1	-	32.5
S. States	FFR 439	NRR	4-Nov	1.9	28.3	-	2.3	-	32.3
Virginia	V95-0513	NRR	14-Nov	2.3	27.3	-	1.6	-	32.2
Pioneer	9421 STS	NRR	3-Nov	2.0	24.0	-	2.1	-	31.9
Public	Chesapeake	NRR	7-Nov	1.9	28.0	-	1.7	-	31.5
S. States	FFR-4985- STS	NRR	21-Nov	2.4	33.7	-	2.2	-	31.4
Virginia	V94-0189	NRR	4-Nov	1.6	24.0	-	1.9	-	31.2
Dekalb	CX496c	NRR	3-Nov	2.1	28.3	-	1.7	-	30.7
Virginia	V96-0332	NRR	16-Nov	1.8	29.3	-	2.3	-	30.7
Virginia	V94-0198	NRR	17-Nov	2.5	30.3	-	1.7	-	30.3
Virginia	V96-2543	NRR	12-Nov	2.1	26.3	-	1.4	-	30.3
Public	Stressland	NRR	31-Oct	1.6	24.0	-	2.0	-	28.7
Virginia	V96-8032	NRR	2-Nov	1.6	24.0	-	2.2	-	24.5

Virginia Soybean Variety Evaluation Tests 1999

	GRAND MEAN		11-Nov	2.0	27.6	-	1.9	-	32.5
	CV		0.6	14.0	6.2	-	12.3	-	10.3
	LSD		2.4	0.4	2.3	-	0.3	-	4.6

Table 4l. 1999 Performance of Double Crop Maturity Group IV Roundup Ready Entries at Warsaw Virginia

BRAND	VARIETY	HERB. RESIST	MATURITY DATE	LODGING 1-5	HEIGHT IN.	PSS %	SQ 1-5	SS SEED/ LB	YIELD BU/A
USG	7478nRR	RR	6-Nov	1.5	29.0	-	1.5	-	32.3
Asgrow	AG 4301	RR	7-Nov	1.7	26.3	-	2.1	-	32.2
S.States	RT 446N	RR	7-Nov	1.7	28.3	-	1.5	-	31.9
S.States	RT 447	RR	6-Nov	1.3	30.3	-	1.8	-	31.3
Pioneer	9492	RR	7-Nov	1.4	25.3	-	1.6	-	30.9
Hartz	H4998 RR	RR	23-Nov	2.9	38.7	-	1.9	-	29.7
S.States	EXP- 88401NRT	RR	8-Nov	1.4	22.3	-	1.5	-	29.7
Pioneer	94B45	RR	2-Nov	2.0	28.3	-	2.2	-	29.1
Garst	D 437 RR-N	RR	4-Nov	1.5	25.0	-	2.3	-	29.0
Pioneer	94B81	RR	5-Nov	1.5	28.7	-	1.6	-	28.7
Dekalb	CX 420 RR	RR	4-Nov	1.5	27.7	-	1.9	-	28.2
Hytest	HTS 4301RR	RR	5-Nov	1.6	24.0	-	2.4	-	27.4
Hytest	HTS 4000RR	RR	1-Nov	1.2	25.3	-	3.2	-	25.6
	GRAND MEAN		6-Nov	1.6	27.6	-	2.0	-	29.7
	CV		0.5	19.7	7.1	-	10.8	-	6.5
	LSD		2.0	0.4	2.7	-	0.3	-	2.7

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